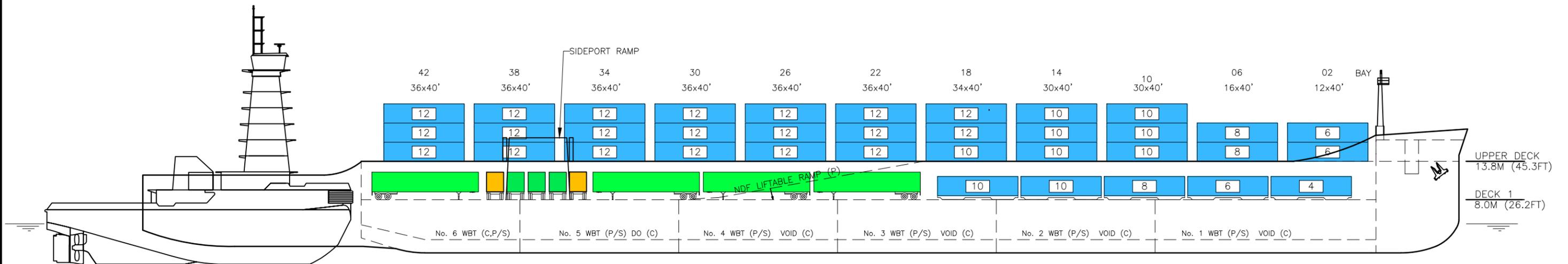


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Principal Particulars

MAIN DIMENSIONS

Combined Length, Over All	215.7 m	707.7 ft
Barge Length, Between Perp.	199.6 m	654.8 ft
Barge Length, Over All	200.9 m	659.1 ft
Beam	32.2 m	105.6 ft
Depth	13.8 m	45.3 ft
Design Draft	4.3 m	14.1 ft
Dwt. at Design Draft	9,411 MT	
Cb at Design Draft	0.65	

HULL PROPORTIONS

L/B	6.2
B/T	7.5
B/D	2.3
L/D	14.5

CARGO

	Wt/Unit	Full Load Quantity	Full Load Weight	Capacity Quantity
40' Containers	22	376	8,272	346
53' Trailers	20	43	860	74
40' Trailers	20	7	140	7
Cassettes	3.56	39	139	0
Total ‡		886 TEU	9,411 MT	913 TEU
Reefer Outlets	50			

FULL LOAD CONDITION (BARGE)

Cargo Weight	9,411 MT
Consumables (2900 NM)	0 MT
Ballast	0 MT
Constant	0 MT
Lightship	9,025 MT
Displacement	18,436 MT
Estimated GM	9.7 m

PROPULSION

Suggested Engine	2xMAN 8L32/44CR 2xWartsila 9L32
Speed at design draft	14 knots
Operating Power	8,100 kW *
MCR	9,000 kW
RPM	720

RANGE & CONSUMPTION

M/E Fuel Consumption†	38.8 MT/Day
M/E & D/G Fuel (no reefers)	41.8 MT/Day
Range (MGO)	5,700 nm
(Extended range available by storing fuel on barge)	

TANK CAPACITIES

Marine Gas Oil (tug)	970 m ³
Fresh Water	0 m ³
Ballast Water	0 m ³

Legend:

■	53' Trailer
■	40' Trailer
■	40' Container

Notes:

† Fuel Consumption is based on MGO at the operating power.
 ‡ Count assumes 2.8TEU/53' Trailer/Container and 2.0TEU per 40'/45' Trailer/Container.
 * Operating power is at design speed and draft with 15% sea margin



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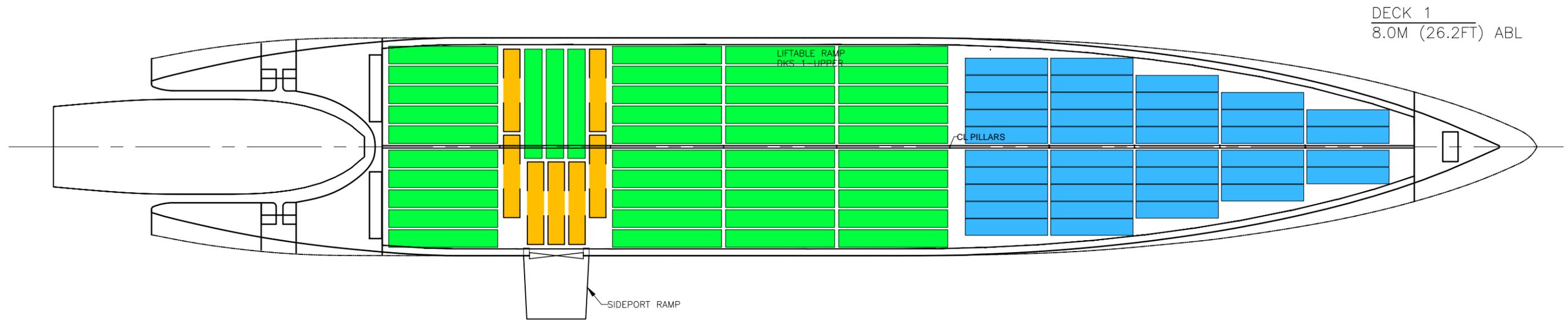
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AMERICAN MARINE HIGHWAY
 DESIGN CONCEPT

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RORO DECKS	HEIGHT OF DECK m	HEIGHT TO DECK ABOVE m	DEPTH OF STRUCT OF DECK ABOVE m	CLEAR HEIGHT FOR VEHICLES		NET AREA		LANE LENGTH		SAMPLE STOW		DECK STRENGTH	
				m	ft	m ²	ft ²	lane-m	lane-ft	# trailers	# containers	t/m ²	PSF
Upper Deck	13.8	open	-	-	-	4,100	44,131	1,300	4,265	0	338	1.5	300
Deck 1	8	5.8	1.2	4.6	15.1	4,045	43,539	1,300	4,265	50	38	1.7	350
Total						8,145	87,670	2,600	8,530	50	376		

Legend:

- 53' Trailer
- 40' Trailer
- 40' Container



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AMERICAN MARINE HIGHWAY
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